

SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT COST	UNIT	MATERIAL COST	LABOR RATE	LABOR	UNIT	TOTAL LABOR	LABOR COST	TOTAL COST
UPDATE														
1	Update Existing Keypad With Credential Reader	2	0%	2	EA	\$ -	E	\$ -	\$ 75	0.5	E	1.00	\$ 75	\$ 75
NEW WORK														
TELECOMMUNICATION														
CONDUITS														
2	1" EMT Conduit	1778	10%	1956	FT	\$ 161.19	C	\$ 3,153	\$ 75	5.5	C	107.57	\$ 8,068	\$ 11,220
3	2" EMT Conduit	155	10%	171	FT	\$ 375.43	C	\$ 640	\$ 75	8	C	13.64	\$ 1,023	\$ 1,663
CONDUCTORS														
4	CAT 6	3207	10%	3528	FT	\$ 212.42	M	\$ 749	\$ 75	8	M	28.22	\$ 2,117	\$ 2,866
DEVICES														
5	Data Outlet For Direct Connection To Access Point Device	3	0%	3	EA	\$ 12.42	E	\$ 37	\$ 75	0.3	E	0.90	\$ 68	\$ 105
	Female 8-Pin Connectors	3	0%	3	EA	\$ 619.91	C	\$ 19	\$ 75	30	C	0.90	\$ 68	\$ 86
	4-11/16"SQ x 3-1/2" DP. Box W/ Single Gang Device Ring	3	0%	3	EA	\$ 734.50	C	\$ 22	\$ 75	30	C	0.90	\$ 68	\$ 90
6	Data Outlet	17	0%	17	EA	\$ 12.42	E	\$ 211	\$ 75	0.3	E	5.10	\$ 383	\$ 594
	4-11/16"SQ x 3-1/2" DP. Box W/ Single Gang Device Ring	17	0%	17	EA	\$ 619.91	C	\$ 105	\$ 75	30	C	5.10	\$ 383	\$ 488
	Single Gang Faceplate ORTRONICS OR-4030058	17	0%	17	EA	\$ 0.76	E	\$ 13	\$ 75	0.3	E	5.10	\$ 383	\$ 395
	Blank Module ORTRONICS OR-40300164	34	0%	34	EA	\$ 0.51	E	\$ 17	\$ 75	0.3	E	10.20	\$ 765	\$ 782
	Category 6 Module ORTRONICS OR-60950010	17	0%	17	EA	\$ 195.54	E	\$ 3,324	\$ 75	0.3	E	5.10	\$ 383	\$ 3,707
7	Teaching Wall Multi-Media Outlet.	1	0%	1	EA	\$ 131.38	E	\$ 131	\$ 75	0.3	E	0.30	\$ 22.50	\$ 154
	3 RCA JACKS Module ORTRONICS OR-60900314	1	0%	1	EA	\$ 3.54	E	\$ 4	\$ 75	0.3	E	0.30	\$ 22.50	\$ 26
	4-11/16" SQ x 3" Deep Box W/ 1" extension Ring	1	0%	1	EA	\$ 619.91	C	\$ 6	\$ 75	30	C	0.30	\$ 22.50	\$ 29
	Blank Module ORTRONICS OR-40300164	1	0%	1	EA	\$ 0.51	E	\$ 1	\$ 75	0.3	E	0.30	\$ 22.50	\$ 23
	Category 6 Module ORTRONICS OR-40300164	1	0%	1	EA	\$ 195.54	E	\$ 196	\$ 75	0.3	E	0.30	\$ 22.50	\$ 218
	Category 6 Module ORTRONICS OR-60950015	1	0%	1	EA	\$ 195.54	E	\$ 196	\$ 75	0.3	E	0.30	\$ 22.50	\$ 218
	Dual Gang Faceplate ORTRONICS OR-40300159	1	0%	1	EA	\$ 1.94	E	\$ 2	\$ 75	0.3	E	0.30	\$ 22.50	\$ 24
	HDMI Module ORTRONICS OR-60900372	1	0%	1	EA	\$ 13.78	E	\$ 14	\$ 75	0.3	E	0.30	\$ 22.50	\$ 36
	VSA Module ORTRONICS OR-60900313	1	0%	1	EA	\$ 3.22	E	\$ 3	\$ 75	0.3	E	0.30	\$ 22.50	\$ 26
8	Touch Screen Outlet	1	0%	1	EA	\$ -	E	\$ -	\$ 75	1.2	E	1.20	\$ 90.00	\$ 90
	HDMI Module ORTRONICS OR-60900372	1	0%	1	EA	\$ 13.78	E	\$ 14	\$ 75	0.3	E	0.30	\$ 22.50	\$ 36
	Single Gang Faceplate ORTRONICS OR-40300164	2	0%	2	EA	\$ 0.76	E	\$ 2	\$ 75	0.3	E	0.60	\$ 45	\$ 47
	Single Gang Faceplate ORTRONICS OR-4030058	1	0%	1	EA	\$ 0.76	E	\$ 1	\$ 75	0.3	E	0.30	\$ 23	\$ 23
	4-11/16"SQ x 3-1/2" DP Box W/ Single Gang Device Ring	1	0%	1	EA	\$ 619.91	C	\$ 6	\$ 75	30	C	0.30	\$ 23	\$ 29
SECURITY SYSTEM														
CONDUITS														
9	1" EMT Conduit	567	10%	624	FT	\$ 161.19	C	\$ 1,005	\$ 75	5.5	C	34.30	\$ 2,573	\$ 3,578
CONDUCTORS														
10	#22 AWG (FPLP) (Kindly Confirm To Be Provided By Security Contractor Or Electrical Contractor)	2268	10%	2495	FT	\$ 74.64	M	\$ 186	\$ 75	4.6	M	11.48	\$ 861	\$ 1,047
DEVICES														
11	Type 1 Ceiling Mounted Motion Detector. Detector Equal To BOSCH DS938Z	3	0%	3	EA	\$ 66.78	E	\$ 200	\$ 75	0.5	E	1.50	\$ 113	\$ 313
	Octagonal Back Box	3	0%	3	EA	\$ 29.99	E	\$ 90	\$ 75	0.3	E	0.90	\$ 68	\$ 157
12	Card Reader (Provided and Installed By DISD Security Contractor)	1	0%	1	EA	\$ 73.70	E	\$ 74	\$ 75	1	E	1.00	\$ 75	\$ 149
	4-11/16"SQ x 3-1/2" DP Box W/ Single Gang Device Ring Flush Mounted	1	0%	1	EA	\$ 619.91	C	\$ 6	\$ 75	30	C	0.30	\$ 23	\$ 29
13	Keypad, Gemini GEMK1 CA	4	0%	4	EA	\$ 232.12	E	\$ 928	\$ 75	0.3	E	1.20	\$ 90	\$ 1,018

4-11/16"SQ x 3-1/2" DP Box W/ Single Gang Device Ring Flush Mounted	4	0%	4	EA	\$ 619.91	C	\$ 25	\$ 75	30	C	1.20	\$ 90	\$ 115
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TOTAL MATERIAL COST	\$	11,380
TOTAL MANHOURS' COST	\$	18,076
TOTAL COST	\$	29,456
OVERHEADS & PROFIT	25%	\$ 7,364
TOTAL BID	\$	36,819

SCOPE OF ESTIMATE:	
1	SUPPLY & INSTALLATION
1	Update
2	Telecommunication
3	Security System

Electrical Estimators Group